ACTIV®

STEEL

When you've got a good shot, get a great shotshell.

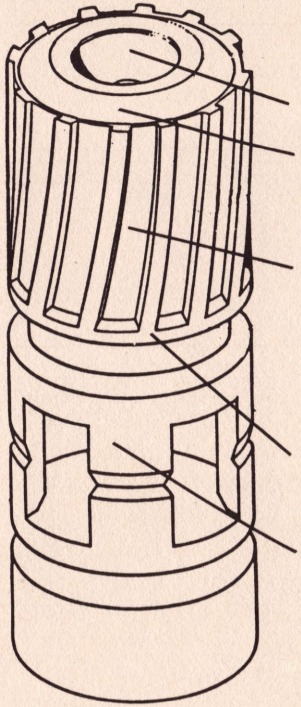
When you've got the perfect shot, you need the most reliable shotshell. ***ACTIV®***'s brass-free hull design eliminates the problems associated with brass...especially in wet, water fowl hunting situations.

ACTIV® ... the difference is in the hull.

ACTIV®

1000 Zigor Road, • Kearneysville, WV 25430
304-725-0451 • Fax 304-725-2080

ACTIV Slug Information



1. Hollow Point.
2. Plane surface designed to prevent Slug from leaving animal body.
3. Cylindrical lead body. Hollow inside with Slug rifling having the function of guiding the Slug thru the barrel.
4. Connection Ring.
5. Plastic Wad.

For further information on other ACTIV products contact:

ACTIV Industries, Inc.
P.O. Box 339
1000 Zigor Road
Kearneysville, WV 25430
(304) 725-0451
(304) 725-2080 FAX

Slug Information Booklet

ACTIV

The ACTIV Difference

ACTIV's on-going commitment to quality and innovative products is best seen in our unique array of Slug Loads.

The hollow point ACTIV Slug is designed to force the center of gravity constantly forward. This prevents gross deformation in flight.

ACTIV's wad design is such that it travels together with the slug all the way to the point of impact.

These unique design features result in excellent stability in flight and surpassing accuracy—2 to 3 inch groupings at 65 yards.

At impact, the walls are crushed forward around the head and expand outwardly during penetration. Its high deformation discharges all energy inside the body of the target with devastating effect.

Compare the total performance of the ACTIV Slug against any other slug on the market today. You will see the ACTIV difference.

ACTIV

Brass-free hulls since 1980

Models

Models	Gauge	Length (in.)	Dram Equiv.	Weight (oz.)
SL123F	12	3	Max.	1 1/4
SL12F	12	2 3/4	Max	1 1/4
SL12H	12	2 3/4	Max.	1
SL16H	16	2 3/4	Max.	1
SL20I	20	2 3/4	Max.	7/8

Packed 5 rounds to the box; 250 rounds per case

Ballistics

	12 Ga 1	12 Ga 1¼	16 Ga	20 Ga
Slug Weight—grains	395	497	406	347
Wad Weight—grains	53	55	43	37.5
Slug Diameter—inches	.728	.728	.669	.610
Muzzle Velocity—fps	1630	1520	1550	1570

External Ballistics

Distance/Yards	Velocity/fps	Energy/ft. lbs
0	1520	2873
25	1323	2162
50	1169	1702
75	1061	1394
100	979	1193

Sighting-in—out to 100 yards:
1" high at 25 yards = 50 yard zero
1½" high at 25 yards = 75 yard zero
2½" high at 25 yards = 100 yard zero

Note: Should you see an oblong entrance hole in the target, this is not keyholing but the result of the wad section of the Slug at the point of impact.

Chokes and Patterns

Steel shot is much harder than lead. This fact makes pellet deformation during ignition set back practically non-existent. This gives the shooter a higher pattern percentage or a denser pattern. Additionally, because steel remains rounder than lead, the shooter will experience fewer pellets developing erratic flight.

Steel shot does have a tendency to "bridge" when passing through the tighter full chokes. Since this has proven to give inconsistent patterns, ACTIV recommends using somewhat more open chokes with steel such as modified or improved modified.

ACTIV's testing at our West Virginia plant has shown that steel shot and modified chokes do pattern as well as the full choke lead shot combination.

However, since pattern performance is so greatly affected by individual factors involving the shooter, the shotgun, and the type of shooting, ACTIV highly recommends every shooter pattern their steel shot/choke combination to determine what works best for them.

The ACTIV Difference created by the remarkably designed ACTIV Hull is seen throughout the line when compared to others. The advantages of the larger internal volume and steel rim construction is never more evident than in ACTIV Steel Shot loads with their reduced pressure and outstanding velocity.

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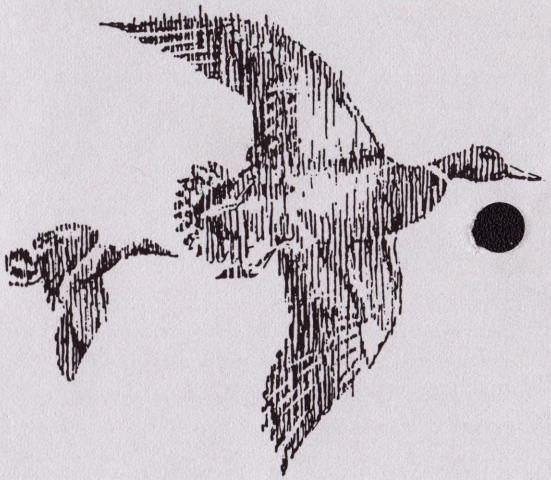

Steel Shot Information Booklet

ACTIV

The ACTIV Difference

ACTIV Steel Shot loads are another in the series of uniquely different type of ammunition which the versatile ACTIV Hull provides.

In hulls of lesser capacity, the heavier powder charges necessary for Steel Shot can add to the ballistic problems due to the limited space available. ACTIV, with its larger internal capacity, reduces high pressure. In fact, as the Ballistic Chart shows, ACTIV pressures are at a safe level.

The Ballistic Chart also shows another advantage of the large ACTIV Hull internal volume as the Hull provides more room for the right amount of powder resulting in outstanding velocity.

The ACTIV brass-free hull eliminates the usual rust and chambering problem associated with shotshell brass in a waterfowl hunting environment.

ACTIV, America's newest ammunition manufacturer, offers you an expanding line of quality ammunition. All of the ACTIV line uses the same ACTIV Hull.

ACTIV has created a specially designed wad for Steel Shot to minimize or eliminate any barrel scratching. At present we do not plan to offer this wad on the reloading market because we do not encourage the reloading of steel shot since dangerous conditions can result from only the slightest variation in reloading procedure.

Shot Sizes

Shot Sizes	Avg. Pellet Count/Weight (approx.) 1⅛ oz.	1¼ oz.	1⅜ oz.
F	44	49	54
T	59	66	72
BBB	69	77	84
BB	81	89	98
B	98	109	120
1	114	127	139
2	137	151	166
3	164	182	200
4	205	227	250
6	378	420	462

Steel/Lead Comparison

Comparison by Pellet Weight (Approx.) STEEL		LEAD
T	=	BB
BBB	=	B
BB	=	1
B	=	2
1	=	3
2	=	4
3	=	5
6	=	7½

Note: The general rule for selecting steel shot is to use pellets two sizes larger to achieve the equivalent performance of lead shot.

Ballistics

Model	Average Pressure (psi)	Average Velocity (fps)
ST12G	11000	1365
ST12F	11000	1275
ST123F	10500	1375
ST123E	11000	1280
ST20J	11000	1400

Models

Game	Model	Ga.	Length (in.)	Rounds per Box	Rounds per Case	Dram Equiv.	Ounces Shot	Shot Size	Max. Effective Range
Small Waterfowl	ST12G	12	2¾	20	200	Max.	1⅛	4	40 Yds.
Teal, Rail	ST20J	20	2¾	20	480	Max.	¾	4	30 Yds.
[illegible]cks	ST12G	12	2¾	20	220	Max.	1⅛	4,3,2	35, 40, 45 Yds.
	ST12F	12	2¾	20	200	Max.	1¼	4,3,2,1	40, 45, 50, 55 Yds.
Small Geese	ST12F	12	2¾	20	200	Max.	1¼	3,2,1,B	35, 40, 45, 50 Yds.
	ST123F	12	3	20	200	Max.	1¼	3,2,1,B,T,F	40, 45, 50, 55 Yds.
	ST123E	12	3	20	200	Max.	1⅜	2,1,B,T,F	45, 50, 55 Yds.
Large Geese	ST123F	12	3	20	200	Max.	1¼	1,B,BB,BBB,T,F	45, 50, 55, 60 Yds.
	ST123E	12	3	20	200	Max.	1⅜	BB,BBB,T,F	55, 60 Yds.